COMPACT

disc

DIGITAL AUDIO

Artistry in Sound

ONKYO.

DX-C909/C606

Compact Disc Automatic Changer

Instruction Manual

• *C*ongratulations on your purchase of the ONKYO DX-C909/C606 CD Player. • Please read this manual thoroughly before making connections and turning power on. • Following the instructions in this manual will enable you to obtain optimum performance and listening enjoyment from your new DX-C909/C606. • Please retain this manual for future reference.

CONTENTS

Features

● **Six-Disc Carousel-Type Auto Changer**
ONKYO comes up with another first – the world's only six-disc carousel-style CD changer. The big advantage is, of course, it gives you the ability to enjoy hours of uninterrupted music. And the changer makes it easy to record "greatest hits" tapes with songs from several discs. Another plus is you can change up to three discs without interrupting the disc playing.

● **Single Bit D/A Converter**
Anyone who reads audio magazines hardly needs to be told single-bit D/A converters outperform multi-bit units. The facts are in. Not only do single-bit D/A converters provide better overall linearity characteristics, they also eliminate glitches, slew-rate distortion and zero-crossing distortion – all problems associated with multi-bit D/A converters.

● **ONKYO's AccuPulse Quartz System**
ONKYO's patented AccuPulse Quartz System provides the necessary stability and accuracy for single-bit D/A conversion. The system uses a small. exclusive bar-shaped oscillating element – mounted on ONKYO's unique Polysorb material – to reduce vibration and give you unheard-of-before realism.

● **Patented AEI (anti-electromagnetic interference) Transformer reduces distortion (DX-C909)**
● **8 times Oversampling Digital Filter**
● **Peak Search for easier CD-to-cassette recording**
● **Next Selection Button**
● **Optical Digital Output**
● **40 Track Random Music Calendar**
● **Six Mode Repeat (disc, all discs, memory, single track, random and random memory)**
● **Three Mode Time Display (single elapse/remain, total remain)**
● **Direct Track Access (10 key)**
● **Forward/Reverse Track Jump**
● **Three Outputs (Analog: fixed, variable (DX-C909)/Digital: optical)**
● **Headphone Jack with Volume Control**
● **Motor Driven Output Level Control (DX-C909)**
● **Copper Plated Chassis (DX-C909)**
● **ᴚI Compatible Remote Control Supplied**

WARNING
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION
TO REDUCE THE RISK OF ELECTRIC SHOCK. DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

● The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

● The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

● For models having power cord with a polarized plug.
CAUTION:
TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

● Sur les modèles dont la fiche est polarisée.
ATTENTION:
POUR EVITER LES CHOCS ELECTRIQUES. INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE COR-RESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

Important safeguards

1. **Read Instructions** – All the safety and operating instructions should be read before the appliance is operated.

2. **Retain Instructions** – The safety and operating instructions should be retained for future reference.

3. **Heed Warnings** – All warnings on the appliance and in the operating instructions should be adhered to.

4. **Follow Instructions** – All operating and use instructions should be followed.

5. **Water and Moisture** – The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.

6. **Carts and Stands** – The appliance should be used only with a cart or stand that is recommended by the manufacturer.

6A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

PORTABLE CART WARNING

S3125A

7. **Wall or Ceiling Mounting** – The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.

8. **Ventilation** – The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

9. **Heat** – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

10. **Power Sources** – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

11. **Polarization** – If the appliace is provided with a polarized plug having one blade wider than the other, please read the following information: The polarization of the plug is a safety feature. The polarized plug will only fit the outlet one way. If the plug does not fit fully into the outlet, try reversing it. If there is still trouble, the user should seek the services of a qualified electrician. Under no circumstances should the user attempt to defeat the polarization of the plug.

12. **Power-Cord Protection** – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

13. **Cleaning** – The appliance should be cleaned only as recommended by the manufacturer.

14. **Nonuse Periods** – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

15. **Object and Liquid Entry** – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

16. **Damage Requiring Service** – The appliance should be serviced by qualified service personnel when:
   A. The power-supply cord or the plug has been damaged or
   B. Objects have fallen, or liquid has been spilled into the appliance or
   C. The appliance has been exposed to rain or
   D. The appliance does not appear to operate normally or exhibits a marked change in performance or
   E. The appliance has been dropped or the enclosure damaged.

17. **Servicing** – The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

SPECIAL CAUTIONS FOR COMPACT DISC PLAYER

● This Compact Disc Player contains a semiconductor laser system and is classified as a "CLASS 1 LASER PRODUCT". So, to use this model properly, read this Owner's Manual carefully. In case of any trouble, please contact the store where you purchased the unit. To prevent being exposed to the laser beam, do not try to open the enclosure.

● The laser is covered by a housing which prevents exposure during operation or maintenance. However, this product is classified as a Laser Product by CDRH (Center for Devices and Radiological Health) which is a department of the Food and Drug Administration. According to their regulations 21 CFR section 1002.30, all manufacturers who sell Laser Products must maintain records of written communications between the manufacturer, dealers and customers concerning radiation safety. If you have any complaints about instructions or explanations affecting the use of this product, please feel free to write to the address on the back page of this manual. When you write us, please include the model number and serial number of your Compact Disc Player.

● In compliance with Federal Regulations, the certification, identification and the period of manufacture are indicated on the rear panel.

● **DANGER:**
INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO BEAM.

● **CAUTION:**
THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

● **Notice Concerning FCC Regulations**
This equipment generates and uses radio frequency energy and, if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
Reorient the receiving antenna.
Relocate the unit with respect to the receiver. Move the unit away from the receiver. Plug the unit into a different outlet so that the unit and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to identify and Resolve Radio-TV interference problems."
This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

● THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSION FROM DIGITAL APPARATUS SET OUT IN THE RADIO INTERFERENCE REGULATIONS OF THE CANADIAN DEPARTMENT OF COMMUNICATIONS.

● L'INTERFERENCE, RADIO ELECTRIQUE GENEREE PAR CET APPAREIL NUMERIQUE DE TYPE B NE DEPASSE PAS LES LIMITES ENONCEES DANS LE REGLEMENT SUL LES PERTURBATIONS RADIO ELECTRIQUES, SECTION APPAREIL NUMERIQUE, DU MINISTERE DES COMMUNICATIONS.

Precautions

1. Warranty Card
The serial number is written on the rear panel of this unit. Copy the serial number and model number onto your warranty card and keep it in a safe place.

2. Do Not Touch the Player with Wet Hands
Do not handle the player or power cord when your hands are wet or damp. If water or any other liquid enters the player cabinet, take the player to an authorized service station for inspection.

3. Location of the Player
● Place the Player in a Well-Ventilated Location.
Take special care to provide plenty of ventilation on all sides of the player especially when it is placed in an audio rack. If ventilation is blocked, the player may overheat and malfunction.
● Do not expose the player to direct sunlight or heating units as the player's internal temperature may rise and shorten the life of the pickup.
● Avoid damp and dusty places and places directly affected by vibrations from the speakers. In particular, avoid placing the unit on or above one of the speakers.
● Be sure the player is placed in a horizontal position. Never place it on its side or on a slanted surface as it may malfunction.
● Do Not Place Near Tuners and TV Sets.
If placed next to a TV or other tuner, it may cause reception interference resulting in some noise in the TV or tuner output.

4. Care
From time to time you should wipe off the front and rear panels and the cabinet with a soft cloth. For heavier dirt, dampen a soft cloth in a weak solution of mild detergent and water, wring it out dry, and wipe away the dirt. Following this, dry immediately with a clean cloth. Do not use rough material, thinners, alcohol or other chemical solvents or cloths since these may damage the finish or remove the panel lettering.

5. Points to Remember
● If the player is brought from a cold environment to a warm one or is in a cold room that is quickly heated, dew may form on the pickup, preventing proper operation. In this case, remove the disc and leave the power ON for about one hour to remove the dew.
● Always close the disc tray when not loading or unloading discs to protect delicate internal parts from dust.
● When transporting the player, be careful not to bump it.

Transmitter Battery Insertion
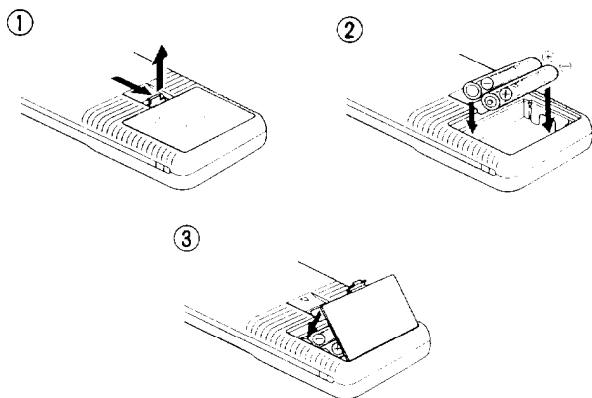
① Push the battery cover on the rear of the transmitter in the direction of the arrow and lift it up.
② Load the two batteries that came with the transmitter or two batteries listed in the table. Load them with the + and – ends facing as shown in the diagram.
③ Put the battery cover back in place.

Use of Batteries
● The remote control transmitter is powered by two batteries. Before using this unit for the first time, insert the two batteries (included) as shown in the diagram.
● Average battery life is about one year. This period may be shorter depending on the frequency of use and environment (temperature and humidity) in which the remote control transmitter is used.
● If the remote control transmitter does not operate even though front panel controls function normally, the batteries should be replaced. Use only batteries listed in the following chart.
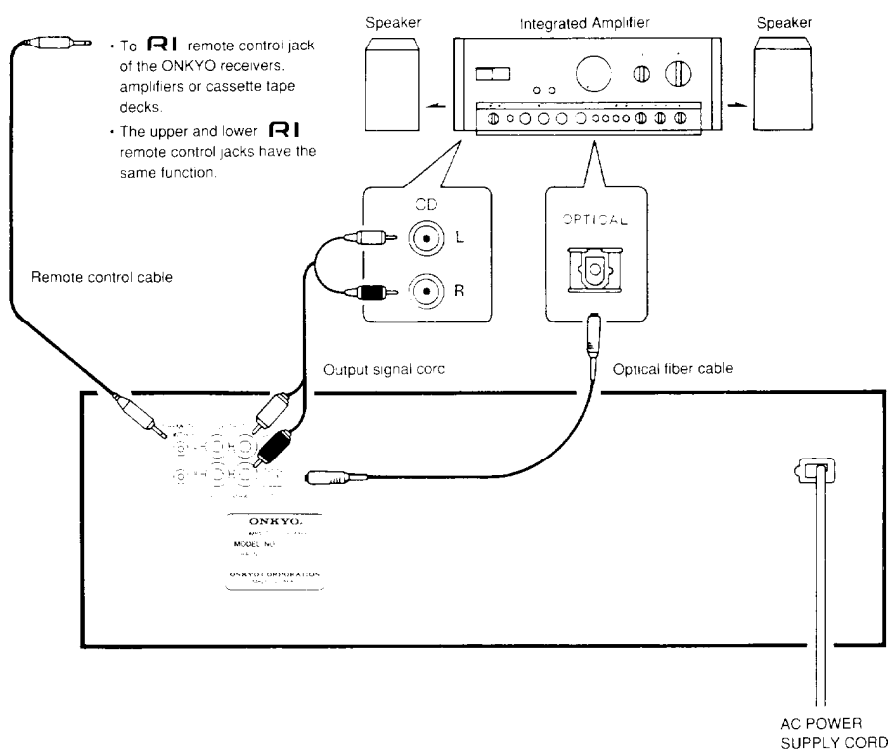
Type	Voltage	Size
Manga-nese	1.5V	AA R6 UM-3

NOTES:
1. Do not leave an expired battery in the case as it may leak or damage the battery case.
2. When inserting the batteries, be sure the (+) and (–) ends are properly aligned.
3. Do not use nickel-cadmium (rechargeable) batteries.
4. Do not use one specified (manganese) battery and one alkaline battery at the same time.
5. Replace both batteries at once; do not use one old and one new battery together.
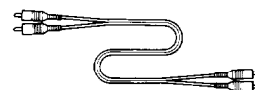
System connections

● Do not plug in the power cord until all connections have been made.

Speaker   Integrated Amplifier   Speaker

· To **RI** remote control jack of the ONKYO receivers, amplifiers or cassette tape decks.
· The upper and lower **RI** remote control jacks have the same function.

Remote control cable

CD
● L
● R

OPTICAL

Output signal cord   Optical fiber cable

ONKYO.
MODEL No.
ONKYO CORPORATION

AC POWER
SUPPLY CORD

Supplied accessories

Output signal cord × 1

RI remote control cable × 1

Remote control transmitter
RC-220C (DX-C909) × 1
RC-219C (DX-C606) × 1
Battery × 2
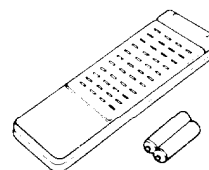
Connecting to the analog OUTPUT jacks

● Connect the OUTPUT jacks of this unit to the AUX or CD input jacks of an amplifier. When making connections, be sure that the left and right channel connections are not crossed.
● DX-C909 is equipped with two OUTPUT jacks, FIXED and VARIABLE. Use the one that matches your purpose.

Connecting digital signals (DIGITAL OUTPUT)

● This unit has a digital audio interface format digital jack for optical output.

NOTE:

The optical digital output jack has a protective cap. Remove this cap before using this jack. When not using this jack, always put this protective cap back on the jack.

Remote Control jacks

The remote control jacks are used to connect ONKYO products bearing the " **RI** " mark via the accessory remote control cable.
The cassette deck with the " **RI** " mark can be operated using the RC-220C/219C remote control transmitter provided as an accessory with the DX-C909/C606. When this unit is connected with ONKYO receivers or amplifiers bearing the " **RI** " mark, it can also be controlled by the remote control transmitter of that unit. (Refer to the operating instructions of your stereo receiver or amplifier for details.)

NOTE:

Do not connect the **RI** remote control jack to any unit that does not bear the ONKYO " **RI** " mark. Doing so may damage the unit.

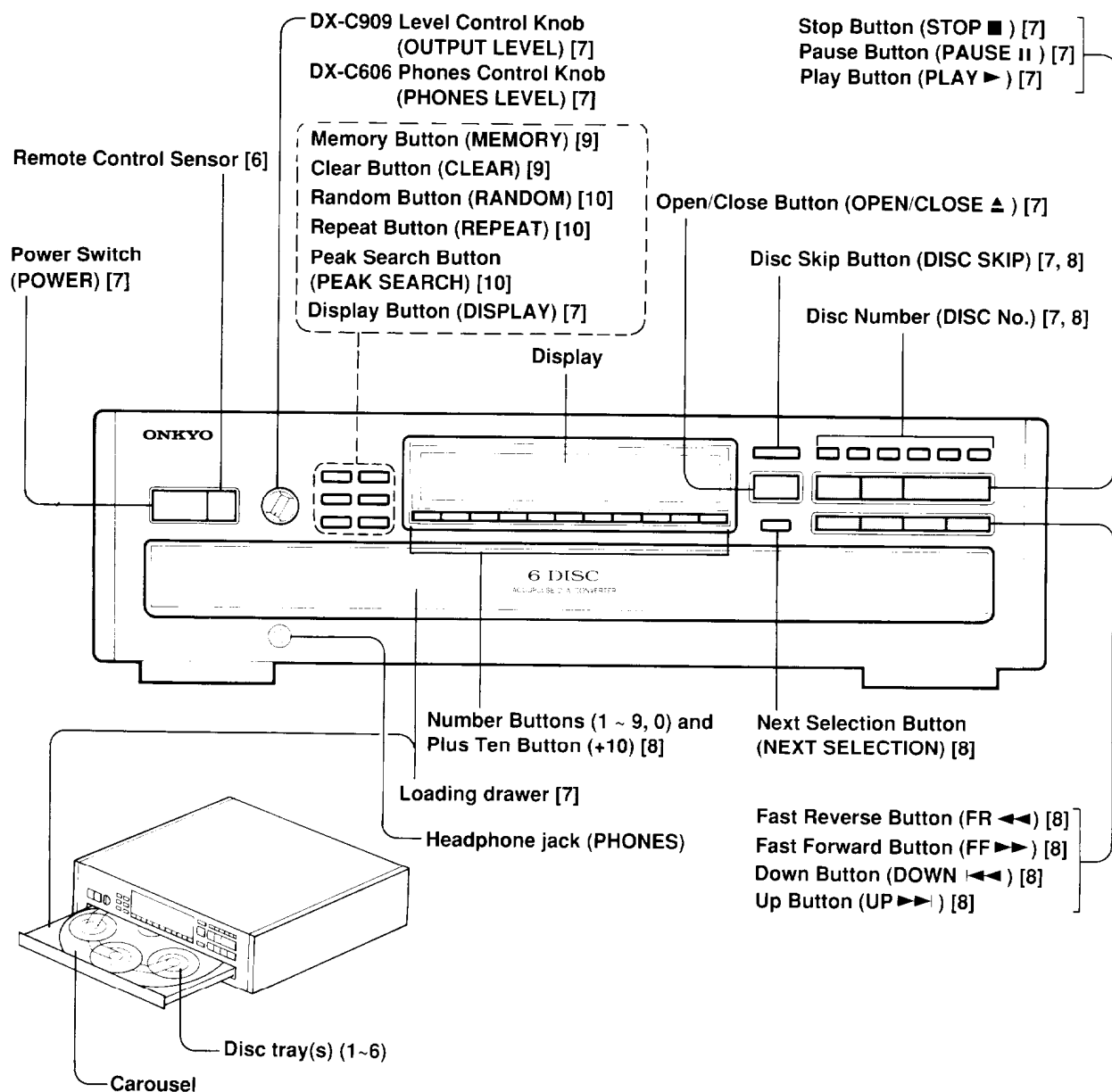## Handling Compact Discs

How to open a disc case and remove a disc.
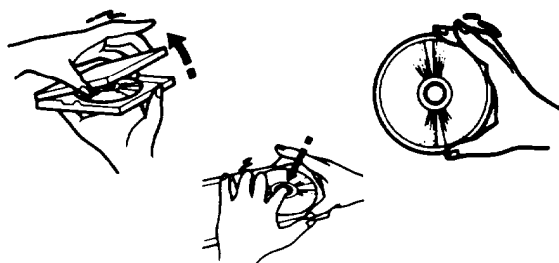
● Always handle compact discs with care so that they are not scratched, soiled or damaged.
● A dry soft cloth may be used to wipe dust, fingerprints, etc off the surface.
● Make absolutely sure not to use any type of volatile agent, such as thinner or benzine. Also avoid using a conventional record cleaner or antistatic agent.
● Avoid placing a disc in direct sunlight, and locations subject to extremely high humidity or low temperature.
● When a disc is going to be left unused for a long period of time, be sure not to leave it in the player but store it in the case.
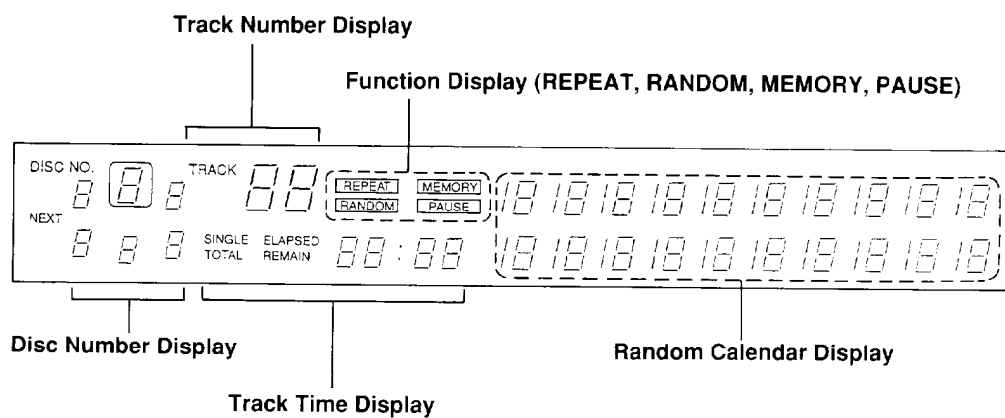
Control positions and names

Front panel

For more information about buttons or controls, turn to the page number listed in the [ ] .

DX-C909 Level Control Knob
(OUTPUT LEVEL) [7]
DX-C606 Phones Control Knob
(PHONES LEVEL) [7]

Stop Button (STOP ■) [7]
Pause Button (PAUSE II) [7]
Play Button (PLAY ►) [7]

Remote Control Sensor [6]

Memory Button (MEMORY) [9]
Clear Button (CLEAR) [9]
Random Button (RANDOM) [10]
Repeat Button (REPEAT) [10]
Peak Search Button
(PEAK SEARCH) [10]
Display Button (DISPLAY) [7]

Open/Close Button (OPEN/CLOSE ▲) [7]

Power Switch
(POWER) [7]

Disc Skip Button (DISC SKIP) [7, 8]

Disc Number (DISC No.) [7, 8]

Display

ONKYO

6 DISC
ACCUPULSE D/A CONVERTER

Number Buttons (1 ~ 9, 0) and
Plus Ten Button (+10) [8]

Next Selection Button
(NEXT SELECTION) [8]

Loading drawer [7]

Headphone jack (PHONES)

Fast Reverse Button (FR ◄◄) [8]
Fast Forward Button (FF ►►) [8]
Down Button (DOWN I◄◄) [8]
Up Button (UP ►►I) [8]

Disc tray(s) (1~6)

Carousel

Display

Track Number Display

Function Display (REPEAT, RANDOM, MEMORY, PAUSE)

DISC NO.

TRACK

REPEAT MEMORY
RANDOM PAUSE

NEXT

SINGLE ELAPSED
TOTAL   REMAIN

Disc Number Display

Random Calendar Display

Track Time Display

Remote control transmitter RC-220C (RC-219C)

● Buttons not described below are operated in the same way as the buttons on the main unit.

Edit Button (⌐ EDIT ⌐→) [9]
● This function is available only on the remote control.

Open/Close Button (▲) [7]

CD/Tape Operation Buttons
When the CD/TAPE selector switch is on CD. **[7, 8]**
- ■ : Stop Button
- ► : Play Button
- II : Pause Button
- ◄◄ : Fast Reverse Button
- ►► : Fast Forward Button
- I◄◄ : Down Button
- ►►I : Up Button

When the CD/TAPE selector switch is on Tape
- ■ : Stop Button
- ●/II : Rec/Pause Button
- ◄◄ : Fast Rewind Button
- ►► : Fast Forward Button
- ◄ : Reverse Play Button
- ► : Forward Play Button

Number Buttons and Plus Ten Button [8]

Disc Skip Button (DISC SKIP –, +) [7, 8]

Repeat Button (REPEAT) [10]

CD/TAPE Selector Switch
This switch should normally be set to the CD side. When a cassette deck bearing the ONKYO " ꓤI " mark is connected to the remote control jacks of the DX-C909/C606 model, the deck can be controlled by this remote control transmitter. Set the CD/TAPE selector switch to TAPE. At this setting, the 6 functions (from ■ to ►) listed at left can be operated by remote control.

Random Button (RANDOM) [10]

Peak Search Button (PEAK SEARCH) [10]

Memory Button (MEMORY) [9]
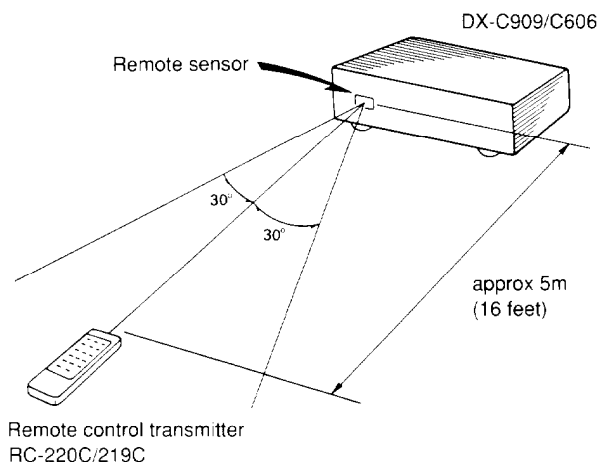
Clear Button (CLEAR) [9]

Volume Control Buttons (VOLUME ▲ / ▼) (RC-220C only)
Press ▼ button to lower the volume level output from the variable output jacks and headphone output jacks, and press ▲ button to increase. It works the same as the OUTPUT LEVEL knob on the DX-C909.
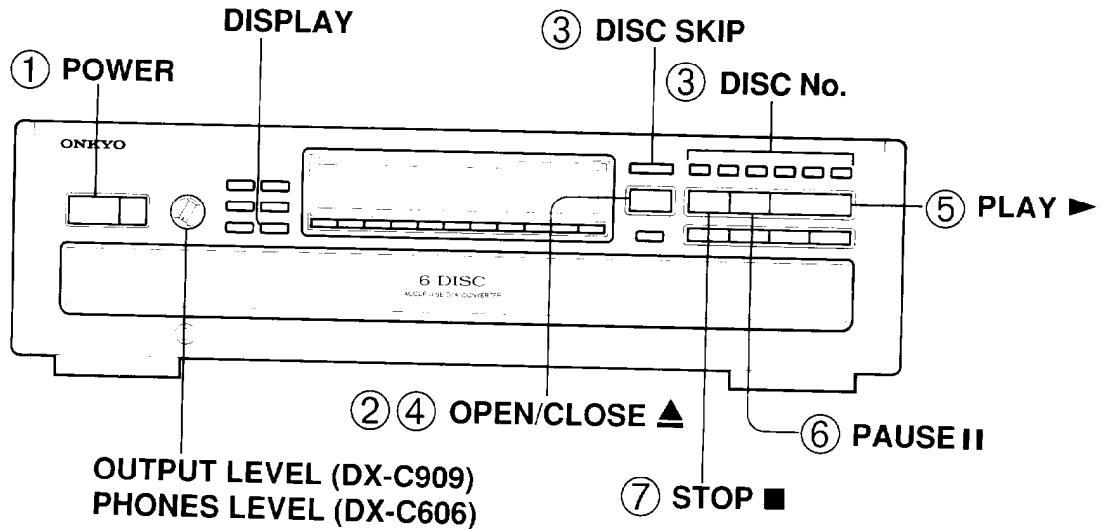
Display Button (DISPLAY) [7]

Using the remote control transmitter

1. Remove the batteries if the remote control transmitter is not going to be used for a long time.
2. The batteries of the remote control transmitter must be replaced periodically.
3. This unit uses infrared rays. Therefore, commands may not be received properly if the front panel of this unit is exposed to bright light. To prevent this from occurring, place this unit so that it is not directly exposed to bright light.
4. If this unit is placed inside an audio rack behind a glass door, the door should not have colored glass or have any decorations on it, since this could shorten the range or prevent commands from being received.
5. Use of other infrared remote control devices in the same room may cause interference.
6. The transmitter operates up to a distance of about five meters (16 feet). The transmitting window must always be pointed at the reception window when a command is sent to the CD player.
7. If this remote control transmitter does not operate properly, confirm that the batteries are not dead. If the problem persists, contact your ONKYO Service Center.

DX-C909/C606

Remote sensor

30°
30°

approx 5m
(16 feet)

Remote control transmitter
RC-220C/219C

Operations

To Load and Play a Disc (Normal Play)

DISPLAY

① **POWER**

③ **DISC SKIP**

③ **DISC No.**

⑤ **PLAY ►**

②④ **OPEN/CLOSE ▲**

⑥ **PAUSE II**

**OUTPUT LEVEL (DX-C909)**
PHONES LEVEL (DX-C606)

⑦ **STOP ■**

① Press the POWER switch to turn on the power.
When the power is turned on, the carousel rotates to find the position of a disc and stops automatically if there is a disc on the disc tray. If the OPEN/CLOSE ▲ button is pressed immediately after the power has been turned on the carousel does not rotate.

② Press the OPEN/CLOSE ▲ button to open the loading drawer.
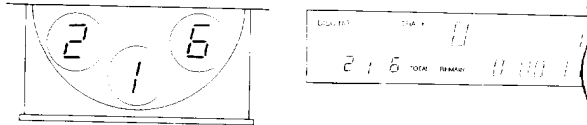
③ Put the disc(s) in the Disc Tray(s) with labels facing up.
● Pressing the DISC SKIP (–, +) button or the DISC No. (1~6) button rotates the carousel so that you can load discs in the other disc trays.
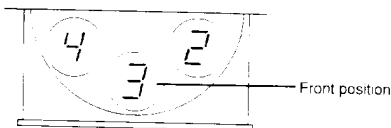
Front position

④ Press the OPEN/CLOSE ▲ button again to close the loading drawer.
● The disc in the front position is ready to play. If there is no disc in the front position of the carousel, the unit rotates to the next Disc Tray until it finds a disc to play. The Disc Tray number with no disc in its tray disappears from the display.
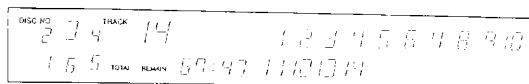
⑤ Press the PLAY ► button
● The Disc No. is surrounded by a square and starts playing.
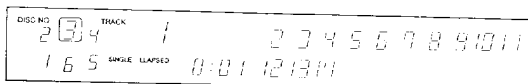
● If you put the discs in the disc trays and press the PLAY ► button instead of the OPEN/CLOSE ▲ button, the carousel turns and the disc which you put in front position while the drawer was opened starts to play.
● After all the discs on the carousel have been played, the display resets to its initial condition when the discs were loaded.

⑥ Press the PAUSE II button to stop the performance temporarily.
● The PAUSE indicator lights and the playing stops temporarily.
● To resume playing, press the PLAY ► button. The playing starts up again from exactly where it left off.

⑦ To stop playing, press the STOP ■ button.
● When the loading drawer is open, the disc which has been played comes into the front position.

■ Changing the display

Press the DISPLAY button during playing to switch the display shown in the Time Display among the following three types:
● SINGLE ELAPSED
Shows how long the current track has been playing.
● SINGLE REMAIN
Shows how much time is left for the track currently playing.
● TOTAL REMAIN
Shows how much playing time is left for the entire disc.
During memory play, this display shows the playing time remaining for the entire sequence of tracks programmed into memory.

NOTE: —————————————————————————
For a track beyond the 20th, the remaining time (SINGLE REMAIN) of the Time display shows " – –: – –".

■ Volume adjustment
(DX-C909)
Use the OUTPUT LEVEL knob to adjust the output level (VARIABLE) and headphone output level. You can also use the attached remote control transmitter (RC-220C) to automatically adjust the level (VOLUME▲ / ▼).
(DX-C606)
Use the PHONES LEVEL knob to adjust the headphone output level.

To start from a specific track

DISC SKIP
DISC No.

Number Buttons

NEXT SELECTION
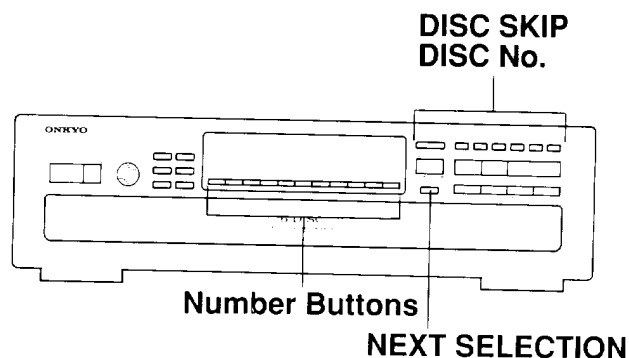
During stop:

① Please make sure that the MEMORY indicator is not lit.
- When the MEMORY indicator is on, press the MEMORY button to turn the indicator off.

② Select the desired disc with the DISC SKIP (−, +) button or the DISC No. (1~6) button.
- When you press the PLAY ▶ button, playback will start with the first track on the selected disc.

③ Use the Number Buttons to select the desired track.
- Use +10 button to select a track with a track number of 10 or higher. For example, to select Track Number 30, press this button three times, and then press 0.
- If the UP ▶▶| button or DOWN |◀◀ button is used to select a track, pressing the PLAY ▶ button begins play.

To select the next desired track during the playback

① Press the NEXT SELECTION button.
- If you do not operate within approximately 8 seconds, it will be cancelled. In such a case, press the button again.

NEXT : lights
"−" flashes

② Select the desired disc with the DISC SKIP (−, +) button or the DISC No. (1~6) button.
- If you select a track of a disc being played, this operation is not necessary.

③ Use the Number Buttons to select the desired track.

Next track number

The next selected
DISC No.
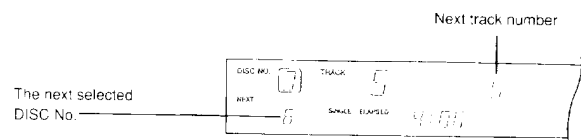
- When the track which has been playing is finished, the track of the disc selected using the NEXT SELECTION button will then be played. The other functions are the same as normal play. When playback of the last track has finished, the unit stops.
- To play the next selected disc normally, from the beginning to the end, you must do one of the following after operation ②;
  - Press number "0" button.
  - Press NEXT SELECTION button again.
  - Nothing will operate for the next 8 seconds.

NOTE:

If the disc which has been selected is not in the Disc Tray, the next disc is played in the normal way, starting from the beginning. If a track which is not on the disc is selected, the disc which was designated is played in the normal way, starting from the beginning.

To move forward or backward quickly during playing

FR ◀◀, FF ▶▶
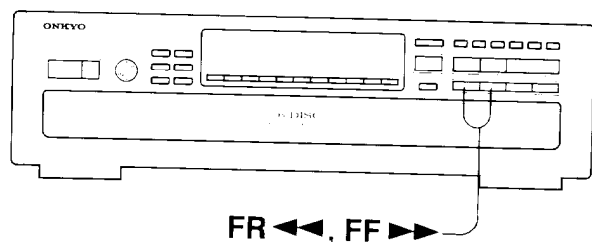
Press the FF ▶▶ button to fast forward.
Press the FR ◀◀ button to fast backward.
- The pickup continues to move rapidly forward or backward as long as you hold down the FF ▶▶ button or FR ◀◀ button.
- If you fast forward all the way to the end of the disc, the next disc is played.
- During memory play, when the pickup is forwarded to the end of the current track by pressing the FF ▶▶ button, the pickup comes to the next programmed track and normal playback begins. When the FR ◀◀ button is pressed, the pickup comes to the beginning of the current track and normal playback begins from this position.
- During random play, when the pickup is forwarded to the end of the current track by pressing the FF ▶▶ button, the random play starts again.

To return to the beginning of the track during playing or to skip to the next track


DOWN |◀◀, UP ▶▶|
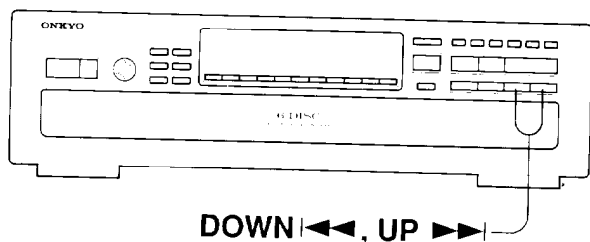
To skip to the next track, press the UP ▶▶| button.
- The playing of the current track is interrupted and the pickup moves to the beginning of the next track. During memory play the pickup moves to the beginning of the next track in memory.
- The pickup moves ahead one track each time you press the UP ▶▶| button.
- During random play, the pickup skips to the beginning of next randomly selected track of a random disc.

To return to the beginning of the track during playing, press the DOWN |◀◀ button.
- The playing is interrupted and the pickup moves back to the beginning of the current track.
- If you press the DOWN |◀◀ button again before the pickup reaches the beginning of the current track or you press the DOWN |◀◀ button twice in a row, the pickup goes to the beginning of the previous track. During memory play the pickup goes to the beginning of the preceding track in memory.
- During random play, the pickup skips to the beginning of the current track.

To program and play the memory

MEMORY

DISC SKIP
DISC No.

Number Buttons
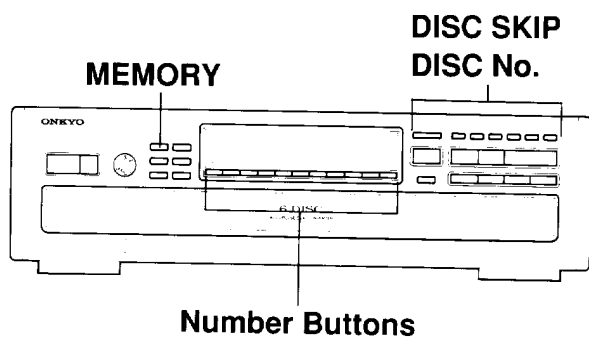
① Press the MEMORY button.
- The MEMORY indicator lights up and "–" flashes on the Random Calendar display.
  (If the memory button is pressed during play, the track being played is stored into memory and further tracks can be stored into memory with the operation in ② below.)
② Press the DISC SKIP (–, +) button or the DISC No. (1~6) button to select the desired disc.
③ Select the track you want, using the Number Buttons.
  If "0" of the number buttons is stored in memory, all the tracks on that disc will be stored in memory. The display "AL" will be displayed on the TRACK Number display.
  - To continue programming the memory, enter the number of the next track to be programmed. When you wish to continue storing other discs in memory, repeat steps ② and ③. Up to 40 tracks can be programmed in the memory by repeating this step.
  - When more than 40 tracks are programmed, "FL" will light for a few seconds on the TRACK Number display to indicate that memory is full.
④ To listen to the disc from in memory in the programmed order, press the PLAY ► button.
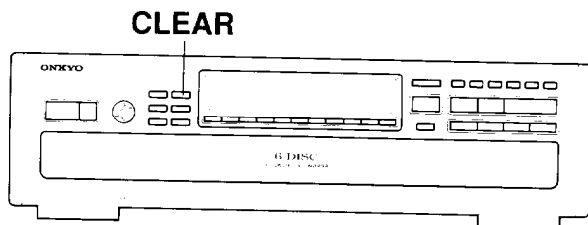 - Play begins in the programmed order, i.e. beginning with the first track programmed in the Random Calendar.

To change the contents of the memory

This function cannot be performed during the play mode. To perform this function, you must first press the STOP ■ button.

CLEAR

NOTES:

- If the total remaining time is more than 99 minutes 59 seconds or when the contents stored in memory extend over 2 or more discs. "– –: – –" is displayed.
- It is possible to make additions to memory even during playback. The track number of the track being played and the time will be displayed at that time. The track number of the added track will light on the random calendar.
- If non-existing selections of disc(s) or track(s) are entered, the corresponding indicator (disc or track) will illuminate and the selection is included in the program count. During play, the non-existing selection(s) will be cancelled and the subsequent programmed disc or track will be played.

When storing items in memory by remote control, follow the order shown below:
① Press the MEMORY button.
② Select the desired disc with the DISC SKIP (–, +) button
③ Use the number buttons to select the desired track.
  - When storing other discs in memory, repeat steps ② to ③.
④ Press the PLAY ► button.

Adding a track number:
① Press the EDIT buttons (⊾ EDIT ⟶) on the remote control and select the position in the Random Calendar that you want to change. (The selected number flashes.)
② Adding a track number:
  With the Number Buttons, select the track that you want to add to the memory. The added track will be memorized under the flashing number, re-registering the previous track under the following number.

Clearing a track number:
  Press the CLEAR button.
  - The last track in memory will be cancelled.
  - During memory play, the current track in play and tracks previously programmed cannot be cancelled.
  - Press the MEMORY button when the contents have been completely erased at one time. During memory play, however normal play takes place, playing the current through the last tracks.

**This function searches for the peak volume through the disc. (PEAK SEARCH)**
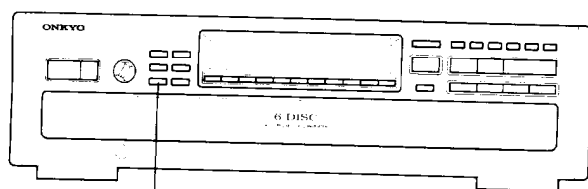
PEAK SEARCH

During stop, Press the PEAK SEARCH button.
- The player checks the disc for peak level. The "PS" (PEAK SEARCH) indicator will flash in the TRACK Number display section during this operation.
- Part of the track with the highest volume on the disc will be played repeatedly for 4 seconds.
- "0" flashes in the Random Calendar display section. This will also flash if the PEAK SEARCH button is pressed during play. This indicates the peak level meter.
- Refer to this level when recording a cassette tape.

**To listen to the discs over and over**
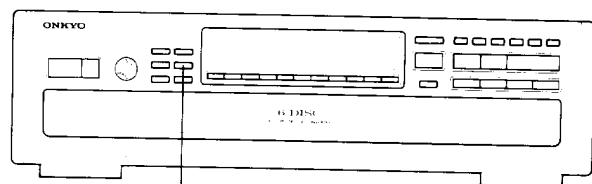
REPEAT

Press the REPEAT button. (You can press this button before palying begins or in the middle of playing.)
- The REPEAT indicator lights, and all disc(s) inserted in the tray(s) is played repeatedly. (Full Repeat).
- During memory when the disc player reaches the end of the sequence of tracks programmed into memory it repeats that sequence.
- In random play, the contents of a disc are rearranged after the last track is played, and then the play resumes. In the case of memory random play, all the tracks programmed into memory are rear-ranged, and then the playing resumes.
- To cancel repeat play, press this button again.

To playback in random order (Random Play)

Use this button when you want the contents of all discs inserted in the tray(s) to be rearranged for play in random order.
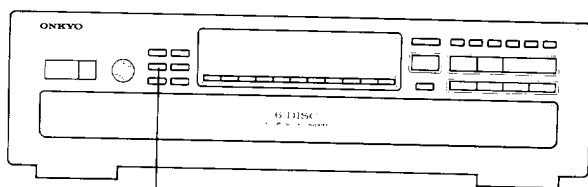
RANDOM

Press the RANDOM button.
- If the order of the tracks of all the six discs are changed at random and played all the way through, it stops.
- To stop the random play, press the STOP button.
- To cancel the random play, press the RANDOM button.
- Discs can be exchanged during the random play. However, if a disk with a different number of tracks is added all the tracks are played. A disc with the same No. of tracks does not play the track numbers which have been already played.
- If a disk whose tracks have been all played is exchanged, the new disc is not played.

This function can be used in memory mode. In this case, the programmed tracks are played at random.
- If the whole disc is stored into memory with the Number Buttons set to "0", and the disc is selected, other songs are not played until the random play of the tracks of this disk are completed.

Troubleshooting guide

Trouble	Cause	Remedy
Power switch is pressed but power does not come on.	• Power cord plug is not properly connected to AC outlet.	• Insert plug firmly.
Disc loaded but play does not begin.	• Disc is loaded upside-down. • Disc is dirty. • Dew on pickup.	• Load disc with the label side facing upward. • Clean the disc. • Place unit in warm place for about one hour.
No sound.	• Incomplete connections. • Improper input selector switch setting on amplifier.	• Insert all plugs firmly in jacks. • Set switch to proper position.
Skipping.	• Disc is dirty. • Disc is scratched. • Unit has been exposed to a strong bump.	• Clean the disc. • Use another disc. • Place the unit in a more stable location.
Search time (when moving to a specific track) is extremely long.	• Disc is dirty. • Disc is scratched.	• Clean the disc. • Use another disc.
Track numbers cannot be stored in the memory.	• No disc is in the tray. • A track number not on the disc is being used.	• Load a disc. • Use only track numbers on the disc.

Specifications

Model DX-C909/C606 **Compact Disc Player with optical pickup**

Signal readout system:	Optical non-contact
Reading rotation:	About 500 – 200 r.p.m. (constant linear velocity)
Linear velocity:	1.2 – 1.4 m/s
Error correction system:	Cross interleave Reed-Solomon code
D/A converter:	1 bit PWM/ACCUPULSE D/A CONVERTER
Sampling frequency:	352.8 kHz (8 times oversampling)
Number of channels:	2 (stereo)
Frequency response:	2Hz – 20kHz
Total harmonic distortion:	0.0028% (at 1kHz)
Dynamic range:	98dB (at 1kHz)
Signal to noise ratio:	106dB (at 1kHz)
Channel separation:	92dB (at 1kHz)
Wow and Flutter:	Below threshold of measurability
Output level:	2 volts r.m.s.

Power consumption:	15 watts
Power supply rating:	AC 120V, 60Hz
Dimensions (W x H x D):	455 x 130 x 430 mm (17-15/16" x 5-1/8" x 17")
Weight:	9kg, 19.8lbs.
Supplied accessories:	• Output signal cord • RI remote control cable • Remote control transmitter RC-220C(DX-C909) RC-219C(DX-C606) • UM-3/R6/AA

Specifications and external appearance are subject to change without notice because of product improvements.